Docket No. AMENDMENT TRANSMITTAL LETTER V637-02461-US Art Unit Filing Date Examiner Application No. 2828 J. Davie 10/028,303-Conf. #2895 December 28, 2001 Applicant(s): Ralph H. Johnson CURRENT CONFINEMENT, CAPACITANCE REDUCTION AND ISOLATION OF VCSELS Invention: **USING DEEP ELEMENTAL TRAPS** TO THE COMMISSIONER FOR PATENTS Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below. **CLAIMS AS AMENDED** Claims Highest Remaining Number Number Previously **Extra Claims** After Amendment Paid Present Rate 0.00 **Total Claims** 21 21 Х Independent 0.00 3 3 = Claims Multiple Dependent Claims (check if applicable) Other fee (please specify): 0.00 TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: **Small Entity** x Large Entity x No additional fee is required for this amendment. in the amount of \$ Please charge Deposit Account No. A duplicate copy of this sheet is enclosed. A check in the amount of \$ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. 50-0911 The Director is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed. x | Credit any overpayment. x Charge anyadditional filing or application processing fees required under 37 CFR 1.16 and 1.17. Dated: November 13, 2003 Søng K. Jung Attorney Reg. No MCKENNA LONG & ALDRIDGE LLP 1900 K Street, N.W. Washington, DC 20006 ECHNOLOGY CENTER 2800 (202) 496-7413



Docket No.:V637-02461-US

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Ralph H. JOHNSON

Confirmation No.: 2895

Application No.: 10/028,303

Art Unit: 2828

Filed: December 28, 2001

Examiner: James W. DAVIE

For: CURRENT CONFINEMENT,

CAPACITANCE REDUCTION AND ISOLATION OF VCSELS USING DEEP

ELEMENTAL TRAPS

Customer No.: 30827

RESPONSE TO NON-FINAL OFFICE ACTION

MS Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated August 13, 2003 (Paper No. 4), the following remarks are respectfully submitted.

Remarks/Arguments begin on page 2 of this paper.

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